

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1071	192/45.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L2	843	192/41s.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L3	230	192/55.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L4	126	192/56.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L5	286	192/56.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L6	126	192/56.6.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L7	816	192/110b.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L8	404	464/46.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L9	188	464/40.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L10	475	464/30.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L11	3393	L1 L2 L3 L4 L5 L6 L7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18

L12	122	L11 and (free adj wheel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L13	37	L12 and ((releas\$4 or (torque near3 limit\$3)) same clutch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L14	66	("20030002764" "20030007631" "20040013334" "20040141669" "20040154895" "20040202392" "20050008276" "20050011717" "20050011718" "20050089255" "20050124447" "20050165397" "20050235513" "20050265646" "20060011445" "20060104558" "4029186" "4046238" "4319220" "4478595" "4601374" "4608741" "4641523" "4699530" "4815867" "4854436" "4872768" "4874073" "4881629" "4946295" "4957133" "5008647" "5018384" "5033013" "5072181" "5264790" "5372435" "5575568" "5592401" "5598913" "5713577" "5721539" "5780731" "5845230" "5865288" "5877431" "6011491" "6013007" "6035990" "6043643" "6056446" "6109624" "6160480" "6196552" "6267512" "6304079" "6323640" "6338576" "6415900" "6539336" "6611138" "6612749" "6666784" "6746352" "6908229" "7033080") PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/03 13:18
L15	66	L14 not L13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18

L16	85	L12 not L13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L17	1059	L8 L9 L10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L18	40	L17 and ((free adj wheel) or (one near2 way near3 clutch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L19	726	L11 and ((free adj wheel) or (one near2 way near3 clutch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L20	604	L19 not L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L21	591	L20 not L18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L22	591	L21 not L13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L23	218	L3 not (L22 L15 L16 L18)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L24	391	(L5 L6) not (L22 L15 L16 L18)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L25	371	L24 not L23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L26	601	L1 not (L3 L15 L16 L22 L15 L16 L18)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18

L27	118	("1909420" "20040185733" "2638195" "2683510" "2744598" "2750019" "2885896" "3521730" "3542160" "3618721" "3726372" "4068748" "4132297" "4189039" "4191283" "4193483" "4370899" "4760903" "4817453" "4848508" "4852707" "5016741" "5101944" "5335760" "5474152" "5672110" "5760514" "6062361" "6231448" "6247382" "Re25229").PN. OR ("1912407" "2001/0045334" "2002/0148697" "2005/0016812" "2428968" "2824635" "2824636" "2973072" "3326342" "3443672" "3926286" "5526910" "5711405" "6401893" "6817457" "7175011"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/03 13:18
L28	70	L27 not (L12 L13 L18 L20 L23 L23 L26 L25)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L29	33845	(one near2 way) near3 clutch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L30	10	("3249187").URPN.	USPAT	OR	OFF	2009/12/03 13:18
L31	1637	L29 and (torque near3 limit \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L32	153	L31 and ((sprag or pawl) with clutch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L33	121	(torque near2 limit\$3) same (free near2 wheel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L34	1	((("20040065762") or ("6889931") or ("20030051960")).PN.	USPAT; USOCR	OR	OFF	2009/12/03 13:18

L35	1	("6889931").PN.	USPAT; USOCR	OR	OFF	2009/12/03 13:18
L36	1	("20030051960").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/03 13:18
L37	3	((("20040065762") or ("6889931") or ("20030051960")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/03 13:18
L38	13	("20030052209" "4498642" "4632331" "4726541" "4750685" "4948066" "5333906" "5624087" "5687926" "5820060" "5918717" "6390403" "6681914"). PN. OR ("2003/0051960" "2004/0065762" "6889931").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/03 13:18
L39	30	(L28 L30 L32 L33 L34 L35 L36 L37 L38 L11 L12 L13 L18 L20 L23 L23 L26 L25) and @pd> "20090630"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/03 13:18
L40	43	("0773320" "20030098215" "20040112700" "2396985" "2551739" "2633953" "2794524" "2829748" "2866349" "2885896" "2968380" "3059493" "3242696" "3298486" "3618730" "4460076" "5139463" "5156573" "5437205" "5598913" "5879254" "6083130" "6394247" "6394248" "6676548" "6761656" "7052420" "7153227" "7207910" "RE25229").PN. OR ("7618337").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/03 13:27
L41	9	("1955879" "3078974" "3119479" "3426874" "5109964").PN. OR ("7600622").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/03 13:36
S3	7743	skf.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 15:32
S4	420	S3 and clutch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 15:32

S5	355	S4 and bearing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 15:32
S6	0	S5 and (torque same limiting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 15:32
S7	47	S3 and freewheel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 15:33
S8	8	S7 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 15:33
S9	41	ponson-frederic.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:26
S10	1	pulle-thierry.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:27
S11	9	hamada-virginie.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:27
S12	13	lescorail-romuald.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:27
S13	18	caillault-claude.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:28
S14	1061	192/45.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:33
S15	833	192/41s.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:33
S16	223	192/55.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:33
S17	125	192/56.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:33

S18	278	192/56.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:33
S19	122	192/56.6.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:33
S20	810	192/110b.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:33
S21	401	464/46.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:33
S22	187	464/40.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:34
S23	469	464/30.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:34
S24	3349	S14 S15 S16 S17 S18 S19 S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:34
S25	118	S24 and (free adj wheel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:34
S26	36	S25 and ((releas\$4 or (torque near3 limit\$3)) same clutch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:35
S27	66	("20030002764" "20030007631" "20040013334" "20040141669" "20040154895" "20040202392" "20050008276" "20050011717" "20050011718" "20050089255" "20050124447" "20050165397" "20050235513" "20050265646" "20060011445" "20060104558" "4029186" "4046238"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/11 17:36

		"4319220" "4478595" "4601374" "4608741" "4641523" "4699530" "4815867" "4854436" "4872768" "4874073" "4881629" "4946295" "4957133" "5008647" "5018384" "5033013" "5072181" "5264790" "5372435" "5575568" "5592401" "5598913" "5713577" "5721539" "5780731" "5845230" "5865288" "5877431" "6011491" "6013007" "6035990" "6043643" "6056446" "6109624" "6160480" "6196552" "6267512" "6304079" "6323640" "6338576" "6415900" "6539336" "6611138" "6612749" "6666784" "6746352" "6908229" "7033080") PN.				
S28	66	S27 not S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:36
S29	118	S25 not S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:36
S30	82	S25 not S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 17:36
S31	1048	S21 S22 S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 18:25
S32	40	S31 and ((free adj wheel) or (one near2 way near3 clutch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 18:25
S33	713	S24 and ((free adj wheel) or (one near2 way near3 clutch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 18:25
S34	595	S33 not S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 18:26

S35	582	S34 not S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 18:26
S36	582	S35 not S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 18:26
S37	1061	192/45.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S38	833	192/41s.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S39	223	192/55.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S40	125	192/56.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S41	278	192/56.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S42	122	192/56.6.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S43	810	192/110b.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S44	401	464/46.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S45	187	464/40.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S46	469	464/30.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S47	3349	S37 S38 S39 S40 S41 S42 S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40

S48	118	S47 and (free adj wheel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S49	36	S48 and ((releas\$4 or (torque near3 limit\$3)) same clutch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S50	66	("20030002764" "20030007631" "20040013334" "20040141669" "20040154895" "20040202392" "20050008276" "20050011717" "20050011718" "20050089255" "20050124447" "20050165397" "20050235513" "20050265646" "20060011445" "20060104558" "4029186" "4046238" "4319220" "4478595" "4601374" "4608741" "4641523" "4699530" "4815867" "4854436" "4872768" "4874073" "4881629" "4946295" "4957133" "5008647" "5018384" "5033013" "5072181" "5264790" "5372435" "5575568" "5592401" "5598913" "5713577" "5721539" "5780731" "5845230" "5865288" "5877431" "6011491" "6013007" "6035990" "6043643" "6056446" "6109624" "6160480" "6196552" "6267512" "6304079" "6323640" "6338576" "6415900" "6539336" "6611138" "6612749" "6666784" "6746352" "6908229" "7033080") PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/11 20:40
S51	66	S50 not S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40

S52	82	S48 not S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S53	1048	S44 S45 S46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S54	40	S53 and ((free adj wheel) or (one near2 way near3 clutch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S55	713	S47 and ((free adj wheel) or (one near2 way near3 clutch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S56	595	S55 not S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S57	582	S56 not S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S58	582	S57 not S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S59	212	S39 not (S58 S51 S52 S54)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:40
S60	380	(S41 S42) not (S58 S51 S52 S54)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:58
S61	361	S60 not S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:58
S62	596	S37 not (S39 S51 S52 S58 S51 S52 S54)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 22:07
S63	1499	(S38 S40 S43) not (S48 S49 S54 S56 S62 S61 S60 S48)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 23:12

S64	114	("1909420" "20040185733" "2638195" "2683510" "2744598" "2750019" "2885896" "3521730" "3542160" "3618721" "3726372" "4068748" "4132297" "4189039" "4191283" "4193483" "4370899" "4760903" "4817453" "4848508" "4852707" "5016741" "5101944" "5335760" "5474152" "5672110" "5760514" "6062361" "6231448" "6247382" "Re25229").PN. OR ("1912407" "2001/0045334" "2002/0148697" "2005/0016812" "2428968" "2824635" "2824636" "2973072" "3326342" "3443672" "3926286" "5526910" "5711405" "6401893" "6817457" "7175011"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/11 23:12
S65	67	S64 not (S48 S49 S54 S56 S59 S59 S62 S61)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/11 23:13
S66	32666	(one near2 way) near3 clutch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/12 10:49
S67	548	S66 and (overload)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/12 10:50
S68	98	S67 and (overload same release)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/12 10:50
S69	10	("3249187").URPN.	USPAT	OR	OFF	2009/02/12 10:54
S70	1549	S66 and (torque near3 limit \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/12 10:56
S71	143	S70 and ((sprag or pawl) with clutch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/12 10:57

S72	116	(torque near2 limit\$3) same (free near2 wheel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/12 11:21
S73	1	((("20040065762") or ("6889931") or ("20030051960")).PN.	USPAT; USOCR	OR	OFF	2009/02/13 18:05
S74	1	("6889931").PN.	USPAT; USOCR	OR	OFF	2009/02/13 18:09
S75	1	("20030051960").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 18:10
S76	3	((("20040065762") or ("6889931") or ("20030051960")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 18:10
S77	13	("20030052209" "4498642" "4632331" "4726541" "4750685" "4948066" "5333906" "5624087" "5687926" "5820060" "5918717" "6390403" "6681914"). PN. OR ("2003/0051960" "2004/0065762" "6889931").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 18:34
S78	1067	192/45.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S79	836	192/41s.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S80	225	192/55.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S81	126	192/56.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S82	281	192/56.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S83	124	192/56.6.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S84	815	192/110b.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41

S85	402	464/46.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S86	187	464/40.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S87	472	464/30.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S88	3370	S78 S79 S80 S81 S82 S83 S84	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S89	120	S88 and (free adj wheel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S90	37	S89 and ((releas\$4 or (torque near3 limit\$3)) same clutch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S91	66	("20030002764" "20030007631" "20040013334" "20040141669" "20040154895" "20040202392" "20050008276" "20050011717" "20050011718" "20050089255" "20050124447" "20050165397" "20050235513" "20050265646" "20060011445" "20060104558" "4029186" "4046238" "4319220" "4478595" "4601374" "4608741" "4641523" "4699530" "4815867" "4854436" "4872768" "4874073" "4881629" "4946295" "4957133" "5008647" "5018384" "5033013" "5072181" "5264790" "5372435" "5575568" "5592401" "5598913" "5713577" "5721539" "5780731" "5845230"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 16:41

		"5865288" "5877431" "6011491" "6013007" "6035990" "6043643" "6056446" "6109624" "6160480" "6196552" "6267512" "6304079" "6323640" "6338576" "6415900" "6539336" "6611138" "6612749" "6666784" "6746352" "6908229" "7033080"). PN.				
S92	66	S91 not S90	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S93	83	S89 not S90	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S94	1052	S85 S86 S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S95	40	S94 and ((free adj wheel) or (one near2 way near3 clutch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S96	718	S88 and ((free adj wheel) or (one near2 way near3 clutch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S97	598	S96 not S89	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S98	585	S97 not S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S99	585	S98 not S90	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S100	214	S80 not (S99 S92 S93 S95)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S101	385	(S82 S83) not (S99 S92 S93 S95)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41

S102	365	S101 not S100	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S103	599	S78 not (S80 S92 S93 S99 S92 S93 S95)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S104	116	("1909420" "20040185733" "2638195" "2683510" "2744598" "2750019" "2885896" "3521730" "3542160" "3618721" "3726372" "4068748" "4132297" "4189039" "4191283" "4193483" "4370899" "4760903" "4817453" "4848508" "4852707" "5016741" "5101944" "5335760" "5474152" "5672110" "5760514" "6062361" "6231448" "6247382" "Re25229").PN. OR ("1912407" "2001/0045334" "2002/0148697" "2005/0016812" "2428968" "2824635" "2824636" "2973072" "3326342" "3443672" "3926286" "5526910" "5711405" "6401893" "6817457" "7175011"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 16:41
S105	68	S104 not (S89 S90 S95 S97 S100 S100 S103 S102)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S106	33225	(one near2 way) near3 clutch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S107	10	("3249187").URPN.	USPAT	OR	OFF	2009/06/30 16:41
S108	1587	S106 and (torque near3 limit\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S109	148	S108 and ((sprag or pawl) with clutch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41

S110	119	(torque near2 limit\$3) same (free near2 wheel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:41
S111	1	((("20040065762") or ("6889931") or ("20030051960")).PN.	USPAT; USOCR	OR	OFF	2009/06/30 16:41
S112	1	("6889931").PN.	USPAT; USOCR	OR	OFF	2009/06/30 16:41
S113	1	("20030051960").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 16:41
S114	3	((("20040065762") or ("6889931") or ("20030051960")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 16:41
S115	13	("20030052209" "4498642" "4632331" "4726541" "4750685" "4948066" "5333906" "5624087" "5687926" "5820060" "5918717" "6390403" "6681914"). PN. OR ("2003/0051960" "2004/0065762" "6889931").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 16:41
S117	28	(S105 S107 S109 S110 S111 S112 S113 S114 S115 S88 S89 S90 S95 S97 S100 S100 S103 S102) and @pd> "20090211"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/30 16:42
S118	5	("4448098" "4892013" "5692575" "5897454" "6523658").PN. OR ("7537540").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 16:53

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